Eric Qian

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Education

California Polytechnic State University - San Luis Obispo

- ❏ Bachelor of Science in Electrical Engineering | August 2019 to Present
- ❏ 35 Units Completed
- ❏ Relevant Coursework - FPGA Digital Design - Electric Circuit Analysis - Circuit Manufacturing Laboratory

Foothill College/De Anza College

- ❏ Cupertino, CA |38 Units Completed | 2017 to June 2019
- ❏ Concurrent Enrollment During High School.
- ❏ Relevant Coursework - Python - C++ - JavaScript - Bash

Work Experiences

Founder/President - [BananiumLabs Inc / LaunchHacks I]

November 2017 to Present | Cupertino, CA

- ❏ Organized a running nonprofit organization for idea incubation and project research, and successfully hosted an event with ~100 participants last year.
- ❏ Acquired skills with leadership roles by managing around 10 people and kept clear roadmaps.
- ❏ Worked with other companies and secured over $5000 in sponsorship for the event.
- ❏ Managed hardware lab and kept a clear record of rental.
- ❏ Instructed for Arduino lab with a class size of 25, and taught participants regarding the fundamental physics and basic hardware knowledge.
- ❏ Provided mentorship for hardware-related projects.

General Merchandising - [Target Corporation]

June 2019 to August 2019 | Cupertino, CA

- ❏ Maintained high work efficiency and ethics with over 1000 items pulled per month.
- ❏ Expanded collaboration skills via distribution of workload.

Team Mentor - (FIRST Lego League Team 28)

September 2016 to November 2016 | Cupertino, CA

- ❏ Mentored an FLL team for their competition robot by facilitating successful and productive work meetings.
- ❏ Set up design area and move equipment ahead of schedule, which encouraged higher efficiency workflow.
- ❏ Promote effective communication between young students and expedited workflow
- ❏ Provided technical and engineering support and helped students achieve their desired objectives.

Projects

ProtoTab / ElectroTab

June 2017 to August 2017

- ❏ Core Developer for Angular web app in a team of 4. Developed both frontend and backend of project, as well as managed public relations and support tickets.
- ❏ Gained experiences working with Angular, Typescript, Firebase, and PHP.
- ❏ Gained over 150 users within two weeks via single-channel promotion.

Experiences+Skills

Hardware Experiences
- ✓ Cura & Slic3r
- ✓ Kicad
- ✓ PCB etching
- ✓ Circuit Design
- ✓ SystemVerilog

Web Related Technologies
- ✓ JavaScript
- ✓ HTML & CSS
- ✓ PHP
- ✓ Angular & TypeScript
- ✓ Firebase
- ✓ JQuery

Standalone Technologies
- ✓ Bash, Apt, Pacman
- ✓ Python
- ✓ Java
- ✓ C++
- ✓ .NET (C#)

Workflow Related Technologies
- ✓ Microsoft Word/Excel
- ✓ Git & GitHub
- ✓ Travis CI & Unit testing
- ✓ VSCode Live Share
- ✓ ~100 WPM

Languages
- ✓ English (Fluent/Native Speaker)
- ✓ Mandarin (Fluent/Native Speaker)

Awards
Numerous Hackathon Submissions
2017-2020